

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

Claims 1-11 (canceled).

12. (New) A method for calibrating sensors in a motor vehicle, comprising:
calibrating at least two sensors, the at least two sensors each being of a different sensor type;
wherein the at least two sensors are calibrated using a common calibration object.
13. (New) The method of claim 12, wherein calibration data are determined in a single operation.
14. (New) The method of claim 13, wherein calibration includes:
aligning the at least two sensors such that the calibration object is in a detection range of each of the at least two sensors;
detecting at least one part of the calibration object using each of the at least two sensors; and
determining the calibration data for the at least two sensors from data regarding the detected calibration object.
15. (New) The method of claim 14, wherein the calibration data is stored and further processed.
16. (New) The method of claim 14, wherein data regarding the calibration object measured by at least one additional sensor is used as a reference data for determining the calibration data of one of the at least two sensors and wherein the calibration data of the one of the at least two sensors is formed by the reference data and data regarding the calibration object measured by the one of the at least two sensors.
17. (New) The method of claim 14, wherein the at least two sensors include at least one image sensor system and at least one radar sensor.
18. (New) A system for calibrating sensors in a motor vehicle, comprising:
at least two sensors;

at least one analyzing unit; and
a calibration object;
wherein the analyzing unit calibrates the at least two sensors using the calibration object.

19. (New) A calibration system for calibrating sensors in a motor vehicle, comprising:
at least one reference feature adapted to be used for calibrating at least two sensors,
the at least two sensors each being of a different sensor type.

20. (New) The calibration system of claim 19, wherein the spatial position of the at least one reference feature is at least one of: a) preset, and b) usable for determining calibration data of the at least two sensors in one operation.

21. (New) The calibration system of claim 19, wherein the at least two sensors include at least one image sensor and at least one radar sensor, and wherein the calibration object includes at least two reference features.

22. (New) The calibration system of claim 19, wherein at least one reference feature includes at least one triple mirror.

23. (New) The calibration system of claim 22, wherein the triple mirror includes calibration marks.